

# COBRA ATEX

## Screw Vacuum Pumps



Pump Identification	Category		Explosion Group		Temperature Class		ATEX Classification of Vacuum Pump
	Inside	Outside	Inside	Outside	Inside	Outside	
COBRA NC 0100 B	1G	2G	IIB3	IIB, IIC	T4	T4	Ex II inside: 1G Ex h IIB3 T4 Ga Ex II outside: 2G Ex h IIB, IIC T4 Gb
	2G		IIB		T3, T4	T3, T4	Ex II inside: 2G Ex h IIB T3, T4 Gb Ex II outside: 2G Ex h IIB, IIC T3, T4 Gb
	2G	2G	IIC	IIC	T3, T4	T3, T4	Ex II inside: 2G Ex h IIC T3, T4 Gb Ex II outside: 2G Ex h IIC T3, T4 Gb
	2G	-	IIB	-	T3, T4	-	Ex II inside: 2G Ex h IIC T3, T4 Gb Ex II outside: No ATEX zone
	3G	3G	IIC	IIB, IIC	T3, T4	T3, T4	Ex II inside: 3G Ex h IIC T3, T4 Gc Ex II outside: 3G Ex h IIB, IIC T3, T4 Gc
COBRA NC 0200 B COBRA NC 0300 B	1G	2G	IIB3	IIB, IIC	T3, T4	T3, T4	Ex II inside: 1G Ex h IIB3 T3, T4 Ga Ex II outside: 2G Ex h IIB, IIC T3, T4 Gb
	2G		IIB		T3, T4	T3, T4	Ex II inside: 2G Ex h IIB T3, T4 Gb Ex II outside: 2G Ex h IIB, IIC T3, T4 Gb
	2G	2G	IIC	IIC	T3, T4	T3, T4	Ex II inside: 2G Ex h IIC T3, T4 Gb Ex II outside: 2G Ex h IIC T3, T4 Gb
	2G	-	IIB	-	T3, T4	-	Ex II inside: 2G Ex h IIC T3, T4 Gb Ex II outside: No ATEX zone
	3G	3G	IIC	IIB, IIC	T3, T4	T3, T4	Ex II inside: 3G Ex h IIC T3, T4 Gc Ex II outside: 3G Ex h IIB, IIC T3, T4 Gc
COBRA NC 0400 B	1G	2G	IIB3	IIB, IIC	T3	T3	Ex II inside: 1G Ex h IIB3 T3 Ga Ex II outside: 2G Ex h IIB, IIC T3 Gb
	2G		IIB				Ex II inside: 2G Ex h IIB T3 Gb Ex II outside: 2G Ex h IIB, IIC T3 Gb
	2G	-	IIB	-	T3	-	Ex II inside: Ex h 2G IIB T3 Gb Ex II outside: No ATEX zone
	3G	3G	IIC	IIB, IIC	T3	T3	Ex II inside: 3G Ex h IIC T3 Gc Ex II outside: 3G Ex h IIB, IIC T3 Gc
COBRA NC 0600 C	2G	2G	IIB	IIB, IIC	T3	T3	Ex II inside: 2G Ex h IIB T3 Gb Ex II outside: 2G Ex h IIB, IIC T3 Gb
	3G	3G	IIC	IIB, IIC	T3	T3	Ex II inside: 3G Ex h IIC T3 Gc Ex II outside: 3G Ex h IIB, IIC T3 Gc
COBRA NS 0600 C	3G	-	IIC	-	T2	-	Ex II inside: 3G Ex h IIC T2 Gc Ex II outside: No ATEX zone
COBRA NC 0630 C	3G	3G	IIC	IIB, IIC	T2	T3	Ex II inside: 3G Ex h IIC T2 Gc Ex II outside: 3G Ex h IIB, IIC T3 Gc
COBRA NC 1500 B VR COBRA NC 2000 B VR	2G	2G	IIB	IIB	T4	T4	Ex II inside: 2G Ex h IIB T4 Gb Ex II outside: 2G Ex h IIB T4 Gb
COBRA NC 2500 B	2G	-	IIC	-	T2	-	Ex II inside: 2G Ex h IIC T2 Gb Ex II outside: No ATEX zone

For further technical data please refer to the respective product leaflets.

### Ex Zones and Equipment Categories

Explosive atmosphere	Zone <sup>1</sup>	Category <sup>1</sup>	Probability that the vacuum pump is an ignition source
Constant, long-term or frequently present	0	1	No ignition source, not even in the event of double malfunctions
To be expected from time to time	1	2	No ignition source, also in case of single malfunctions
Rarely, and even if present then only briefly	2	3	No ignition source during normal operation

<sup>1</sup> rating for inside and outside of the vacuum pump

